

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	54101	spatial frequency	US-PGPUB; USPAT; EPO; DERWENT	WITH	OFF	2011/09/08 13:51
L4	143462	standard deviation	US-PGPUB; USPAT; EPO; DERWENT	WITH	OFF	2011/09/08 13:52
L5	4094	I1 and 4	US-PGPUB; USPAT; EPO; DERWENT	WITH	OFF	2011/09/08 13:52
L6	273	I1 SAME 4	US-PGPUB; USPAT; EPO; DERWENT	WITH	OFF	2011/09/08 13:52
L7	100	I1 WITH 4	US-PGPUB; USPAT; EPO; DERWENT	WITH	OFF	2011/09/08 13:52
L8	3505	standard deviation pixel	US-PGPUB; USPAT; EPO; DERWENT	WITH	OFF	2011/09/08 13:53
L9	3458	standard NEAR1 deviation pixel	US-PGPUB; USPAT; EPO; DERWENT	WITH	OFF	2011/09/08 13:53
L10	43	(standard NEAR1 deviation pixel) SAME (spatial frequency )	US-PGPUB; USPAT; EPO; DERWENT	WITH	OFF	2011/09/08 13:53
L11	4157	side scatter	US-PGPUB; USPAT; EPO; DERWENT	NEAR	OFF	2011/09/08 13:54
L12	1	I1 and 10	US-PGPUB; USPAT; EPO; DERWENT	NEAR	OFF	2011/09/08 13:54

L14	100	(side scatter).clm.	US-PGPUB; USPAT; EPO; DERWENT	NEAR	OFF	2011/09/08 13:55
S1	1	(10/593016).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/02 16:25
S2	0	("2004021868").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/02 16:35
S3	3	"2004021868"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/02 16:35
S4	3	"2004021868"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/02 16:35
S5	0	Ortyn near1 weiliam	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/02 16:35
S6	343	Ortyn	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/02 16:35
S7	244	S6 and (cell identification)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/02 16:36
S8	75	S7 and TDI	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/02 16:36
S9	51	S8 and (cell near1 analysis)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/02 16:36
S10	7	S9 and (side near1 scatter)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/02 16:37
S11	2224165	(cell identification)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 11:34
S12	114431	(cell WITH (analysis OR identification))	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 11:34
S13	1756	Brightfield	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 11:55
S14	943	Spectral near1 decomposition	US-	OR	OFF	2009/11/03

			PGPUB; USPAT; DERWENT			11:56
S15	24	S12 and S13 and S14	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 11:56
S16	5	((("6249341") or ("6211955") or ("6473176") or ("6608682") or ("6975400")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 12:12
S17	19	(US-20060204071-\$ or US- 20020071121-\$ or US-20020094116-\$ or US-20040021868-\$ or US- 20040218184-\$ or US-20060029267-\$ or US-20060066837-\$ or US- 20060068371-\$ or US-20060192955-\$ or US-20060257884-\$ or US- 20070146873-\$ or US-20080138816- \$).did. or (US-6337472-\$ or US- 7522758-\$ or US-6211955-\$ or US- 6249341-\$ or US-6473176-\$ or US- 6975400-\$ or US-6608682-\$).did.	US- PGPUB; USPAT	OR	OFF	2009/11/03 12:17
S18	0	("13andapoptotic").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 12:18
S19	0	S17 and apoptotic	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 12:18
S20	0	S17 and necrotic	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 12:18
S21	16	S17 and nucleus	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 12:18
S22	14031	S12 and apoptotic	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 12:19
S23	5	S22 and S14	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 12:19
S24	612	(heterogeneous near1 cell near1 population)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 12:23
S25	10	S24 and S11 and S12 and S13	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 12:23
S26	4	(side near1 scatter) AND (brightfield) AND (nuclear NEAR1 marker)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/03 12:26

S27	25925	spatial near1 frequency	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/04 14:52
S28	23	(US-20060204071-\$ or US-20020071121-\$ or US-20020094116-\$ or US-20040021868-\$ or US-20040218184-\$ or US-20060029267-\$ or US-20060066837-\$ or US-20060068371-\$ or US-20060192955-\$ or US-20060257884-\$ or US-20070146873-\$ or US-20080138816-\$ or US-20040241759-\$ or US-20040111220-\$ or US-20030049841-\$ or US-20050070005-\$).did. or (US-6337472-\$ or US-7522758-\$ or US-6211955-\$ or US-6249341-\$ or US-6473176-\$ or US-6975400-\$ or US-6608682-\$).did.	US- PGPUB; USPAT	OR	OFF	2009/11/04 14:53
S29	14	S28 and S27	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/04 14:53
S30	11256	(cell near2 identification)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/04 15:25
S31	93	S30 and S27	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/04 15:25
S32	13	S31 and (brightfield)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/04 15:25
S33	4	S31 and (nuclear near1 marker)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/04 15:34
S34	26	S30 and (nuclear near1 marker)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/04 15:37
S35	18	S34 and (image)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/04 15:38
S36	329	(nuclear near1 marker)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 11:19
S37	1058	spatial near1 frequency near1 content	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 11:20
S38	5	S36 and S37	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 11:20
S39	422	aminoactinomycin	US-	OR	OFF	2009/11/05

			PGPUB; USPAT; DERWENT			11:21
S40	5	S39 and S37	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 11:21
S41	25955	spatial near1 frequency	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 11:23
S42	8	S36 AND S41	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 11:23
S43	55573	(cell near1 death)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 13:32
S44	27351	apoptotic	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 13:33
S45	68431	("382").CLAS.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 13:33
S46	35	S45 and S44	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 13:34
S47	106	S45 and S43	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 13:50
S48	52	early near1 stage near1 apoptotic	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 14:48
S49	1	S48 and S45	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 14:49
S50	3783	Image and (cell near1 analysis)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 14:49
S51	8	S50 and S48	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 14:49
S52	1	("20020071121").FN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 18:27
S53	0	S52 and (nucleus WITH spatial)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 18:27

S54	1	S52 and (nucleus SAME spatial)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 18:27
S55	0	S52 and (nucleus WITH parameter)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 18:29
S56	0	S52 and (nucleus WITH morphological)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 18:29
S57	0	S52 and (nucleus WITH freq)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 18:29
S58	0	S52 and (nucleus WITH freq\$8)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 18:29
S59	422	aminoactinomycin	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 18:38
S60	422	aminoactinomycin	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 18:38
S61	68431	("382").CLAS.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 18:38
S62	23	S60 and S61	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/05 18:38
S63	106	(marker SAME (nuclear or fluore\$8 )) and multispectral	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/06 12:36
S64	34	S63 and ((death or dead or necrotic or apoptotic) near3 cell)	US- PGPUB; USPAT; DERWENT	OR	OFF	2009/11/06 12:37
S65	4712	(382/128,129,133).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/11/09 08:57
S66	1170	(356/326).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/11/09 08:58
S67	0	(spatial with frequency) (side with scatter with image) (cell with type)	US- PGPUB; USPAT; DERWENT	WITH	OFF	2010/06/10 02:16
S68	0	(spatial with frequency) (side with scatter with image) (cell with type)	US- PGPUB; USPAT;	SAME	OFF	2010/06/10 02:16

			DERWENT			
S69	6	(spatial with frequency) (side with scatter with image) (cell with type)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:21
S70	3	(nuclear near1 marker) with (translocation)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:26
S71	69	(nuclear near1 marker) with (cell)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:26
S72	2	(nuclear near1 marker) with (apoptotic with cell)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:27
S73	1	(nuclear near1 marker) with (cancer with cell)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:27
S74	0	(nuclear near1 marker) with (necrotic with cell)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:27
S75	2	(nuclear near1 marker) with (necrotic with cell)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:27
S76	0	(nuclear near1 marker) with (dead with cell)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:27
S77	0	(nuclear near1 marker) with (dyingwith cell)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:28
S78	0	(nuclear near1 marker) with (dying with cell)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:28
S79	0	(nuclear near1 marker) with (compromis\$4 with cell)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:28
S80	0	(nuclear near1 marker) with PPS with (cell)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:29
S81	0	(nuclear near1 marker) with (cell) SAME PPS	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:29
S82	0	(nuclear near1 marker) with (cell) AND PPS	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:29
S83	69	(nuclear near1 marker) with (cell)	US-	AND	OFF	2010/06/10

			PGPUB; USPAT; DERWENT			02:29
S84	12	S83 and (phosphatidylserine)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:29
S85	3	S83 and (annexin)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:34
S86	88	(annexin) and (aminoactinomycin)	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:35
S87	87	S86 and cells	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:35
S88	123142	(cell WITH (analysis OR identification))	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/10 02:35
S89	70	S87 and S88	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:35
S90	74876	("382").CLAS.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/10 02:36
S91	9	S90 and S89	US- PGPUB; USPAT; DERWENT	AND	OFF	2010/06/10 02:36
S92	0	(60/553484).APP.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/10 09:50
S93	1	"60553484"	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/10 09:50
S94	1	"60572877"	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/10 09:51
S95	99	(compare with spatial with frequency)	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 18:36
S96	9	S95 and cell	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 18:37
S97	155	(compare with feature\$3) and (cell with identification)	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 18:38



S98	46468	(spatial with frequency)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 18:38
S99	3	S97 and S98	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 18:38
S100	11	S97 and (texture)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 18:39
S101	150	S97 and (reference)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 18:40
S102	43	S97 and (reference with cell)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 18:40
S103	22	S102 and (spatial)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 18:40
S104	2	"20020159625"	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 19:50
S105	0	S104 and apoptotic	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 19:50
S106	0	S104 and necrotic	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 19:50
S107	1	S104 and death	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 19:50
S108	1	S104 and aminoactinomycin	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 19:52
S109	2	"20020071121"	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 20:07
S110	0	S109 and stain	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 20:07
S111	0	S109 and reagent	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 20:07
S112	2	("3497690").PN.	US-PGPUB; USPAT;	OR	OFF	2010/06/15 20:22

S113	0	("200401365").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 20:23
S114	1	("20040136577").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 20:23
S115	0	(("20010006416"   "20010012620"   "20020126275"   "20020146734"   "20020164063"   "20030040031"   "20030048931"   "20030049701"   "20030059093"   "20030103662"   "20030104439"   "20030202689"   "20040111220"   "20040218184"   "20040241759"   "20050014129"   "20050094147"   "20060029267"   "20060246481"   "20060257884"   "20090202130"   "3555280"   "3586760"   "3922069"   "0035868"   "4313734"   "4635293"   "4662742"   "4677680"   "4703017"   "4737932"   "4770992"   "4777525"   "4786165"   "4845197"   "4857453"   "5096807"   "5122453"   "5141609"   "5153916"   "5159397"   "5159398"   "5159642"   "5247339"   "5247340"   "5257182"   "5272354"   "5351311"   "5372936"   "5422712"   "5436144"   "5444527"   "5459240"   "5471294"   "5548349"   "5548395"   "5568315"   "5596401"   "5621460"   "5625048"   "5633503"   "5644388"   "5674743"   "5686960"   "5695934"   "5733721"   "5754291"   "5760899"   "5764792"   "5831723"   "5844670"   "5848123"   "5855753"   "5900942"   "5926283"   "5929986"   "5959953"   "5985549"   "5986061"   "6007994"   "6007996"   "6014468"   "6066459"   "6108082"   "6116739"   "6156465"   "6159686"   "6210973"   "6211955"   "6229913"   "6249314"   "6249341"   "6256096"   "6259807"   "6330081"   "6330361"   "6381363"   "6473176"   "6507391"   "6510319"   "6522781"   "6532061"   "6548259"   "6549664"   "6563583"   "6580504"   "6583865"   "6608680"   "6608682"   "6618140"   "6620591"   "6671044"   "6707551"   "6716588"   "6727066"   "6763149"   "6778263"   "6873733"   "6875973"   "6906792"   "6927922"   "6934408"   "6947128"   "6947136"   "6975400"   "7006710"   "7079708"   "7087877"   "7180673"   "7190832"   "7221457"   "7315357").PN.).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 20:25
S116	265	(("20010006416"   "20010012620"   "20020126275"   "20020146734"   "20020164063"   "20030040031"   "20030048931"   "20030049701"   "20030059093"   "20030103662"   "20030104439"   "20030202689"	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 20:25

		"20040111220"   "20040218184"   "20040241759"   "20050014129"   "20050094147"   "20060029267"   "20060246481"   "20060257884"   "20090202130"   "3555280"   "3586760"   "3922069"   "0035868"   "4313734"   "4635293"   "4662742"   "4677680"   "4703017"   "4737932"   "4770992"   "4777525"   "4786165"   "4845197"   "4857453"   "5096807"   "5122453"   "5141609"   "5153916"   "5159397"   "5159398"   "5159642"   "5247339"   "5247340"   "5257182"   "5272354"   "5351311"   "5372936"   "5422712"   "5436144"   "5444527"   "5459240"   "5471294"   "5548349"   "5548395"   "5568315"   "5596401"   "5621460"   "5625048"   "5633503"   "5644388"   "5674743"   "5686960"   "5695934"   "5733721"   "5754291"   "5760899"   "5764792"   "5831723"   "5844670"   "5848123"   "5855753"   "5900942"   "5926283"   "5929986"   "5959953"   "5985549"   "5986061"   "6007994"   "6007996"   "6014468"   "6066459"   "6108082"   "6116739"   "6156465"   "6159686"   "6210973"   "6211955"   "6229913"   "6249314"   "6249341"   "6256096"   "6259807"   "6330081"   "6330361"   "6381363"   "6473176"   "6507391"   "6510319"   "6522781"   "6532061"   "6548259"   "6549664"   "6563583"   "6580504"   "6583865"   "6608680"   "6608682"   "6618140"   "6620591"   "6671044"   "6707551"   "6716588"   "6727066"   "6763149"   "6778263"   "6873733"   "6875973"   "6906792"   "6927922"   "6934408"   "6947128"   "6947136"   "6975400"   "7006710"   "7079708"   "7087877"   "7180673"   "7190832"   "7221457"   "7315357").PN.				
S117	0	S116 and "3497690"	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 20:26
S118	0	S116 and "6519355"	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 20:26
S119	0	S116 and "20070054350"	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 20:26
S120	1	("20070054350").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 20:26
S121	1	("6519355").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 20:26

S122	2	("3497690").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 20:26
S123	2	("0171819").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 20:26
S124	3	S120 S121 S122	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 20:26
S125	0	S116 and S124	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 20:27
S126	265	( "20010006416"   "20010012620"   "20020126275"   "20020146734"   "20020164063"   "20030040031"   "20030048931"   "20030049701"   "20030059093"   "20030103662"   "20030104439"   "20030202689"   "20040111220"   "20040218184"   "20040241759"   "20050014129"   "20050094147"   "20060029267"   "20060246481"   "20060257884"   "20090202130"   "3555280"   "3586760"   "3922069"   "0035868"   "4313734"   "4635293"   "4662742"   "4677680"   "4703017"   "4737932"   "4770992"   "4777525"   "4786165"   "4845197"   "4857453"   "5096807"   "5122453"   "5141609"   "5153916"   "5159397"   "5159398"   "5159642"   "5247339"   "5247340"   "5257182"   "5272354"   "5351311"   "5372936"   "5422712"   "5436144"   "5444527"   "5459240"   "5471294"   "5548349"   "5548395"   "5568315"   "5596401"   "5621460"   "5625048"   "5633503"   "5644388"   "5674743"   "5686960"   "5695934"   "5733721"   "5754291"   "5760899"   "5764792"   "5831723"   "5844670"   "5848123"   "5855753"   "5900942"   "5926283"   "5929986"   "5959953"   "5985549"   "5986061"   "6007994"   "6007996"   "6014468"   "6066459"   "6108082"   "6116739"   "6156465"   "6159686"   "6210973"   "6211955"   "6229913"   "6249314"   "6249341"   "6256096"   "6259807"   "6330081"   "6330361"   "6381363"   "6473176"   "6507391"   "6510319"   "6522781"   "6532061"   "6548259"   "6549664"   "6563583"   "6580504"   "6583865"   "6608680"   "6608682"   "6618140"   "6620591"   "6671044"   "6707551"   "6716588"   "6727066"   "6763149"   "6778263"   "6873733"   "6875973"   "6906792"   "6927922"   "6934408"   "6947128"   "6947136"   "6975400"   "7006710"   "7079708"   "7087877"   "7180673"   "7190832"   )	OR	OFF	2010/06/15 21:42	

		"7221457"   "7315357").PN.				
S127	0	S126 and ((identify or compare or similar) with texture)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 21:42
S128	3	S126 and ((identify or compare or similar) with spatial)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 21:42
S129	8	S126 and ((identify or compare or similar) with morpholo\$6)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 21:47
S130	216	(cell with classification) and ((identify or compare or similar) with morpholo\$6)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 21:48
S131	0	(classifying with cell) and ((identify or compare or similar) with morpholo\$6)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 21:49
S132	0	(classifying with cell) and ((identify or compare or similar) with morpholo\$6)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 21:49
S133	1	(cell with classification) and ((identify or compare or similar) with spatial with frequency)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 21:50
S134	25	(cell with classification) and ((identify or compare or similar) with texture)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 21:50
S135	2	"20040093166"	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 22:07
S136	0	S126 and S135	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 22:07
S137	21	"6671624"	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 22:09
S138	1	("6671624").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 22:09
S139	0	S126 and S138	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 22:09
S140	3	"7042639"	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 22:10
S141	1	("7042639").PN.	US-	OR	OFF	2010/06/15

			PGPUB; USPAT; USOCR			22:10
S142	0	S126 and S141	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 22:10
S143	1	("20010006416").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 22:10
S144	1	S143 and S126	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 22:10
S145	1	("5828776").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 22:11
S146	0	S145 and S126	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 22:11
S147	76	"3497690"	US- PGPUB; USPAT; DERWENT	OR	OFF	2010/06/15 22:22
S148	2	("3497690").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 22:22
S149	1	(10/593016).APP.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/01/15 07:57
S150	0	S149 and viability	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/15 07:57
S151	6	("4414575"   "7667761").PN.	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/15 13:43
S152	17	discriminate live necrotic apoptotic cells	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 14:17
S153	231	live necrotic apoptotic cells	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 14:18
S154	81100	("382").CLAS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/01/15 14:18
S155	3	S153 and S154	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/15 14:18

S156	1	("6,048,703").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/15 14:19
S157	0	(55/350204).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/15 14:30
S159	0	("2005008870").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/15 14:30
S160	1	("20050008870").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/15 14:30
S161	0	("modescelldeathImageStream").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/15 15:17
S162	2412793	modes cell death ImageStream	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/01/15 15:17
S163	1	modes cell death ImageStream	US-PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:17
S164	454	modes cell death	US-PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:18
S165	17074	Oytometer	US-PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:18
S166	48	S164 and S165	US-PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:19
S167	29038	photometric OR morphometric	US-PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:19
S168	3	S166 and S167	US-PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:19
S169	167	("20010006416"   "20020126275"   "3922069"   "4635293"   "4662742"   "4677680"   "4770992"   "4777525"   "4786165"   "5096807"   "5141609"   "5153916"   "5159397"   "5159398"   "5159642"   "5247339"   "5247340"   "5257182"   "5272354"   "5351311"   "5422712"   "5444527"   "5471294"   "5548349"   "5548395"   "5568315"   "5596401"   "5621460"   "5633503"   "5644388"   "5674743"   "5695934"	US-PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:22

		"5733721" "5754291" "5760899" "5831723" "5848123" "5855753" "5900942" "5929986" "5959953" "6007994" "6007996" "6014468" "6066459" "6116739" "6156465" "6210973" "6211955" "6249341" "6256096" "6259807" "6330081" "6330361" "6381363" "6473176" "6507391" "6522781" "6532061" "6549664" "6563583" "6580504" "6583865" "6608680" "6608682" "6618140" "6620591" "6671044" "6707551" "6727066" "6763149" "6778263" "6875973" "6906792" "6934408" "6947128" "6947136" "6975400" "7006710" "7057732" "7079708" "7087877" "7190832" "7221457" "e.35868").FN.				
S170	326	multispectral imagery	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:41
S171	5944	morphometric	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:41
S172	23177	photometric	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:41
S173	77368	apoptosis	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:41
S174	19441	necrotic	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:41
S175	33441	apoptotic	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:42
S176	17074	cytometer	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 15:42
S177	1	S170 S171 S172 S173 S174 S175 S175	US- PGPUB; USPAT; DERWENT	AND	OFF	2011/01/15 15:42
S178	2	S170 S175	US- PGPUB; USPAT; DERWENT	AND	OFF	2011/01/15 15:42
S179	1	S170 S171 S172 S173 S174	US- PGPUB; USPAT; DERWENT	AND	OFF	2011/01/15 15:43
S180	17	S170 S171 S172	US- PGPUB;	AND	OFF	2011/01/15 15:43



			USPAT; DERWENT			
S181	17	S180 and cell	US- PGPUB; USPAT; DERWENT	AND	OFF	2011/01/15 15:43
S182	4	S180 and (cell with death)	US- PGPUB; USPAT; DERWENT	AND	OFF	2011/01/15 15:43
S183	4	multispectral imaging flow cytometers	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/15 16:08
S184	14348	hematology	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/24 12:12
S185	222376	"382"/	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/24 12:12
S186	81263	("382").CLAS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/01/24 12:12
S187	79	S184 and S186	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/24 12:12
S188	49868	(spatial with frequency)	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/24 12:13
S189	14	S187 and S188	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/24 12:13
S190	13	S189 and (correlation or compar\$6)	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/24 12:13
S191	2685	blebbing	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/24 15:02
S192	81263	("382").CLAS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/01/24 15:02
S193	9	S191 and S192	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/01/24 15:02
S194	90	fluorescent brightfield darkfield	US- PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/24 17:02

S195	1	S194 and blebbing	US-PGPUB; USPAT; DERWENT	SAME	OFF	2011/01/24 17:02
S196	0	("20041021868").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 18:03
S197	0	("200401021868").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 18:03
S198	4	("6115119"   "7450229").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/05 14:23
S199	4	("5107522"   "5547849").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:39
S200	4	("6115119"   "7450229").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:39
S201	2	("5784182").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:39
S202	10	S199 S200 S201	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:39
S203	2	S202 and (spatial frequency)	US-PGPUB; USPAT; DERWENT	NEAR	OFF	2011/07/06 22:39
S204	13	((THADDEUS) near2 (GEORGE)).INV.	US-PGPUB; USPAT	OR	OFF	2011/07/06 22:40
S205	77	((DAVID) near2 (BASIL)).INV.	US-PGPUB; USPAT	OR	OFF	2011/07/06 22:41
S206	76	((BRIAN) near2 (HALL)).INV.	US-PGPUB; USPAT	OR	OFF	2011/07/06 22:41
S207	97	((WILLIAM) near2 (ORTYN)).INV.	US-PGPUB; USPAT	OR	OFF	2011/07/06 22:41
S208	6	((MICHAEL) near2 (SEO)).INV.	USPAT; USOCR	OR	OFF	2011/07/06 22:41
S209	97	((WILLIAM) near2 (ORTYN)).INV.	US-PGPUB; USPAT	OR	OFF	2011/07/06 22:41
S210	12	((MICHAEL) near2 (SEO)).INV.	US-PGPUB; USPAT	OR	OFF	2011/07/06 22:41
S211	15	((PHILIP) near2 (MORRISSEY)).INV.	US-PGPUB;	OR	OFF	2011/07/06 22:41

			USPAT			
S212	10	((CATHLEEN) near2 (ZIMMERMAN)).INV.	US-PGPUB; USPAT	OR	OFF	2011/07/06 22:41
S214	166	S204 S205 S206 S207 S208 S209 S210 S211 S212	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:42
S215	58	S214 and (spatial near1 frequency)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:42
S216	1	S214 and (spatial near1 frequency WITH cell)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:42
S217	35	S214 and (spatial near1 frequency SAME cell)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:42
S218	1	S217 and (apoptotic)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:43
S219	11	S217 and (apoptosis)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:43
S220	6	S217 and (apoptosis SAME necrosis)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:43
S221	6	S217 and (apoptosis AND necrosis)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:44
S222	7	S217 and (necrosis)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 22:49
S223	0	S217 and (known cell type)	US-PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/06 22:50
S224	19	S217 and (cell type)	US-PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/06 22:50
S225	111	"6211955"	US-PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/06 22:54
S226	1	("6211955").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/06 22:54
S227	1	S217 and S226	US-PGPUB;	OR	OFF	2011/07/06 22:54

			USPAT; DERWENT			
S228	2	single nuclear marker	US- PGPUB; USPAT; DERWENT	NEAR	OFF	2011/07/06 22:57
S229	746	(spatial near1 frequency SAME cell)	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 23:09
S230	18	S229 and (apoptosis AND necrosis)	US- PGPUB; USPAT; DERWENT	OR	OFF	2011/07/06 23:09
S231	13	S229 and (cell viability)	US- PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/06 23:13
S232	31	S229 and (cell death)	US- PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/06 23:15
S233	58	S229 and (cell identification)	US- PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/06 23:37
S234	412	classification SAME (spatial frequency)	US- PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/06 23:51
S235	8	S234 and (cell identification)	US- PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/06 23:52
S236	1	(10/593016).APP.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/07/07 12:11
S237	1	S236 and (standard deviation)	US- PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/07 12:11
S238	1	standard deviation spatial scatter frequency	US- PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/07 12:12
S239	96	(standard NEAR1 deviation) spatial frequency	US- PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/07 12:13
S240	26	cell and S239	US- PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/07 12:13
S241	6	(standard NEAR1 deviation) spatial frequency pixel intensities	US- PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/07 12:14

S242	24	(standard NEAR1 deviation) spatial frequency pixel	US-PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/07 12:14
S243	0	S236 and impermeable	US-PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/07 12:17
S244	0	S236 and permeable	US-PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/07 12:17
S245	1	S236 and side scatter	US-PGPUB; USPAT; DERWENT	WITH	OFF	2011/07/07 12:43
S246	1	("20030059093").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/07 13:21

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